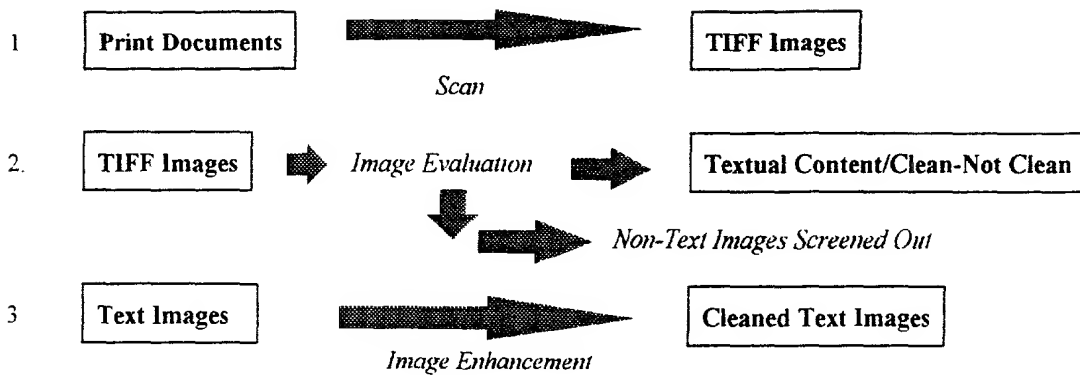


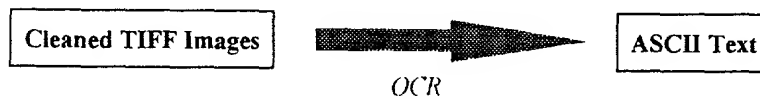
Figure 1

Image-to-Data Processing System:

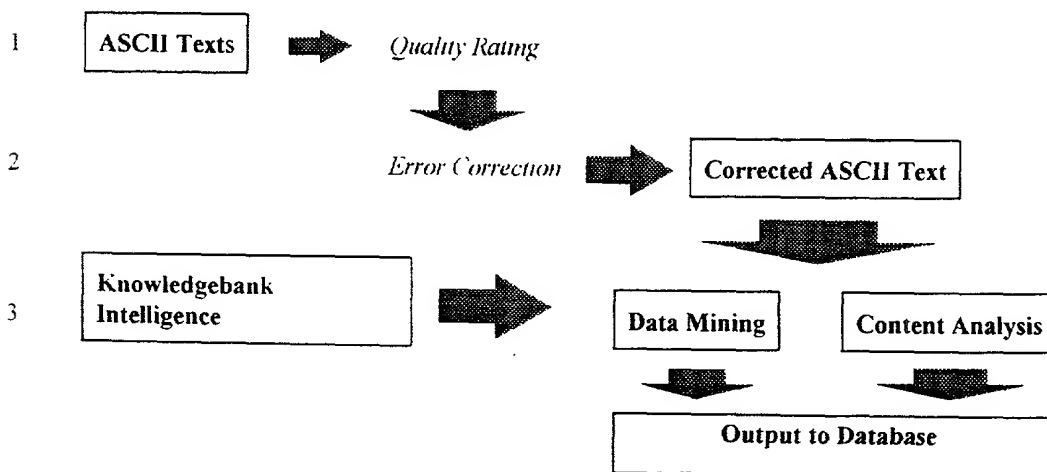
Pre-OCR Processes



Optical Character Recognition: Image-to-Text Conversion



Post-OCR Processes: Text-to-Data Conversion



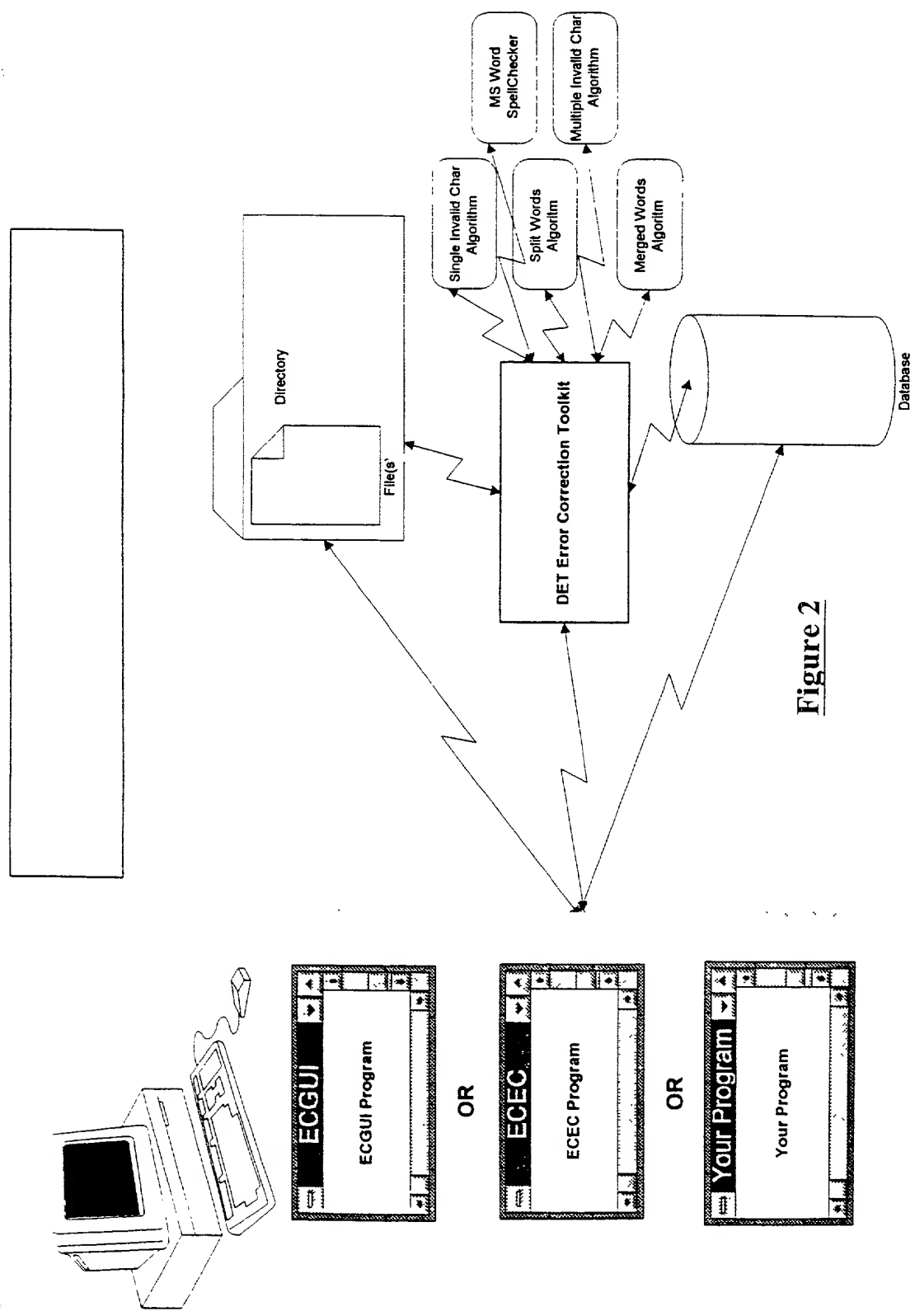


Figure 2

Computer-Aided Error Correction

Figure 3

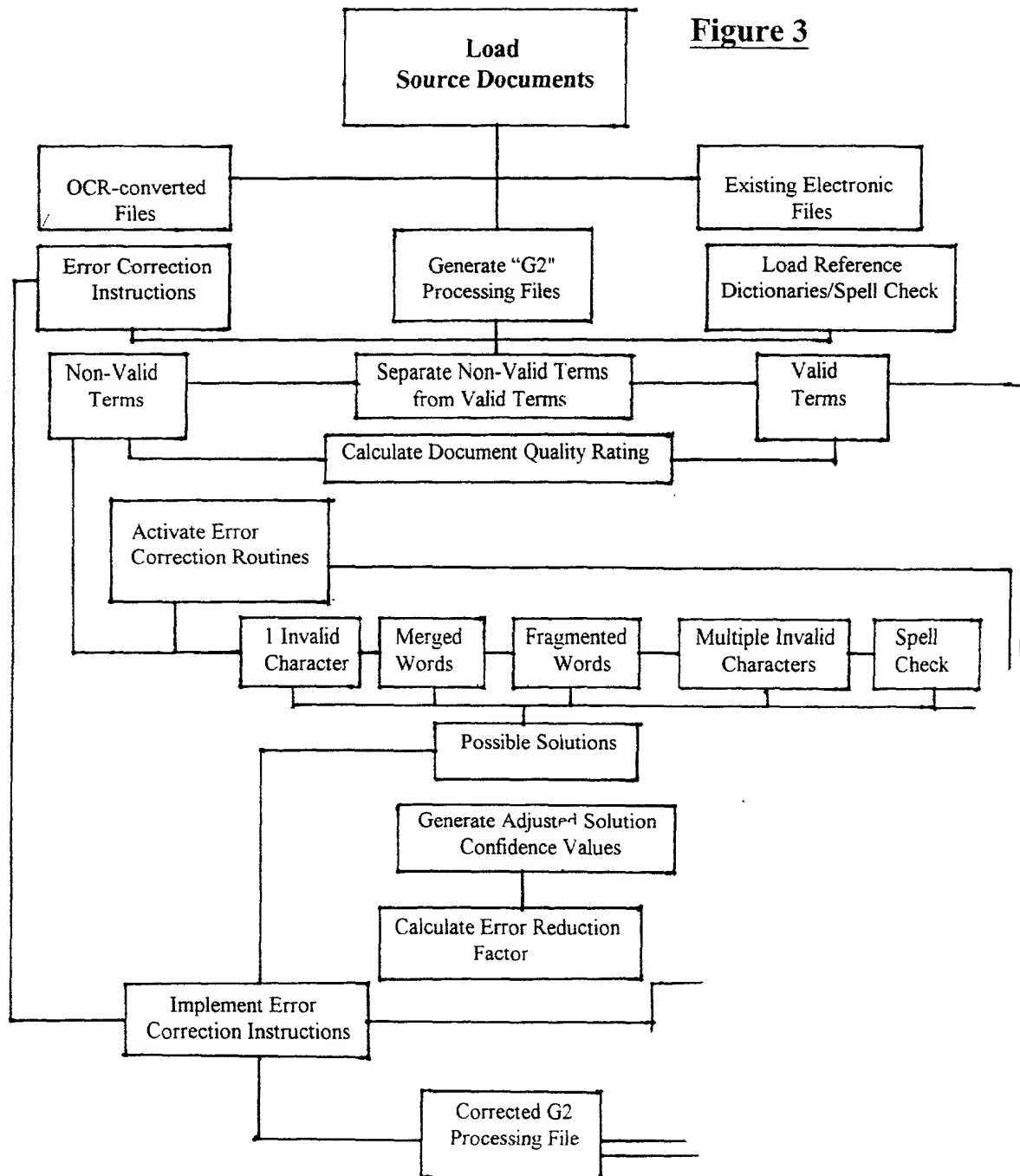


Figure 4

Diagram: Screening

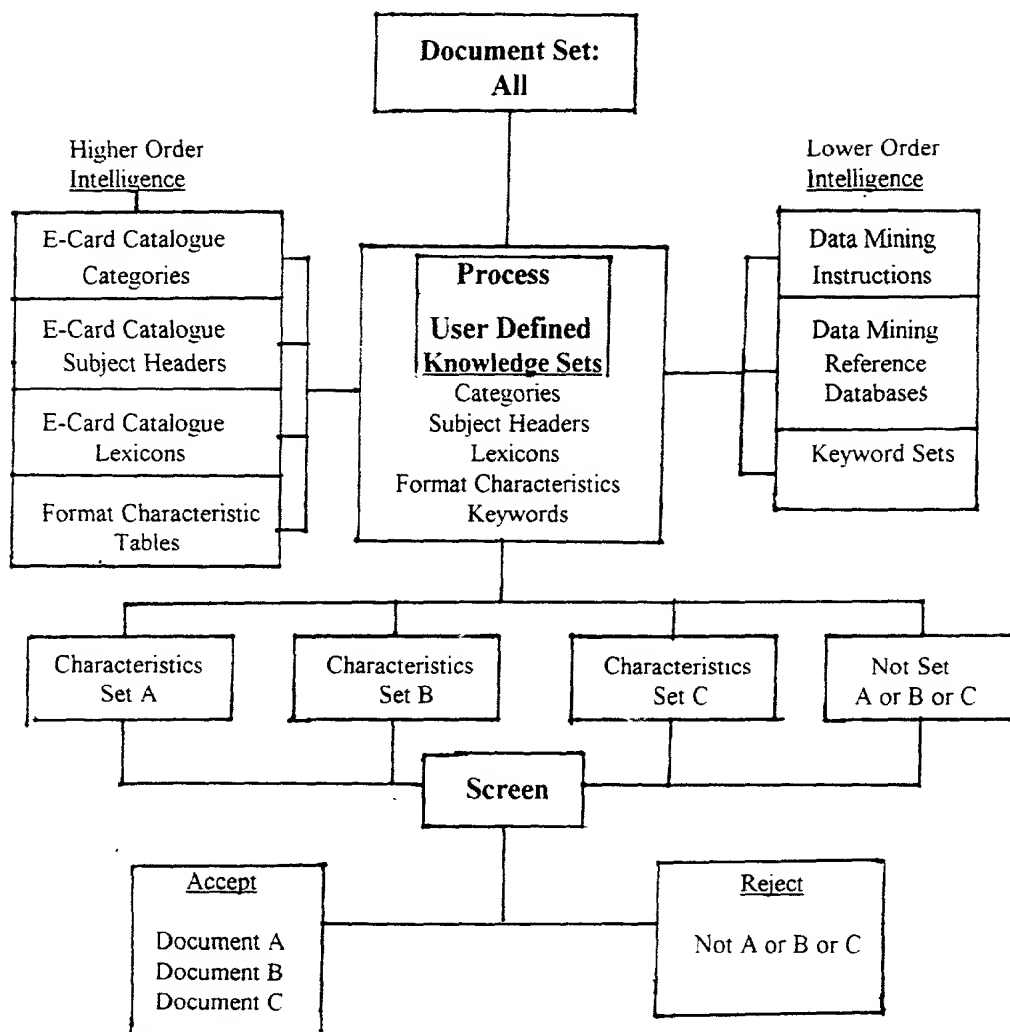
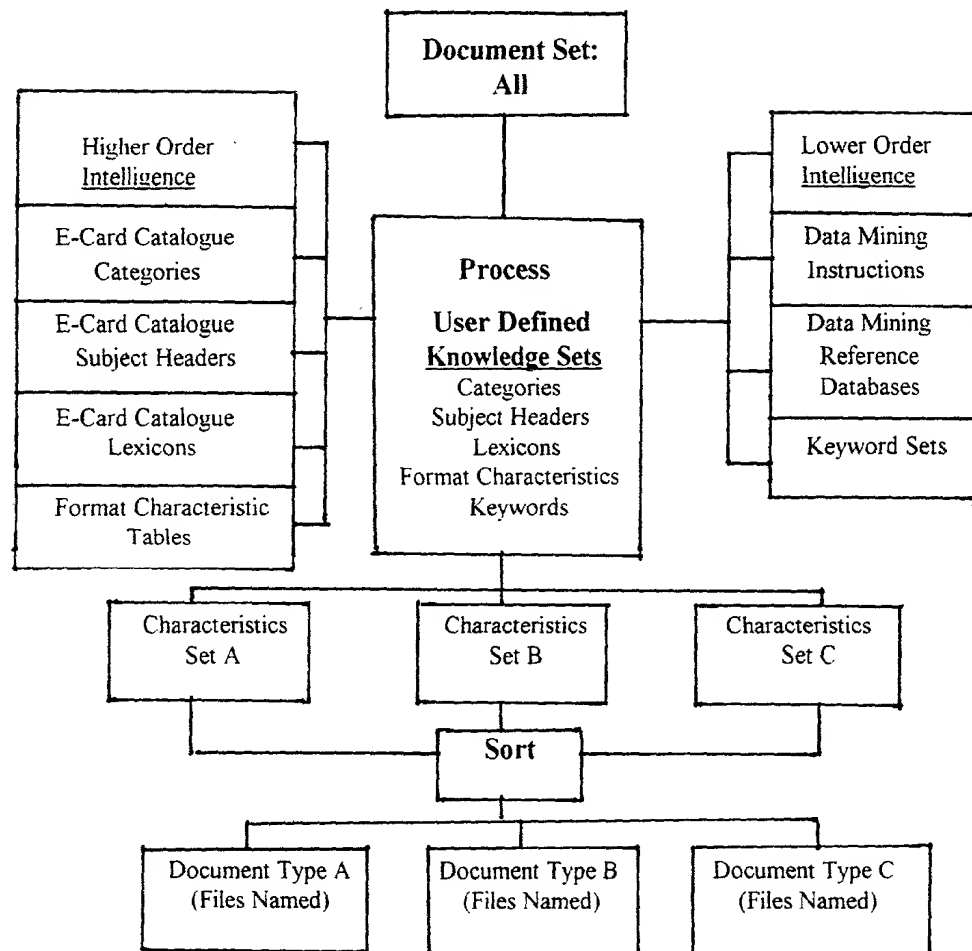


Diagram: Sorting



COINTEGRATING VAR(1) MODELS

Diagram: Characterizing

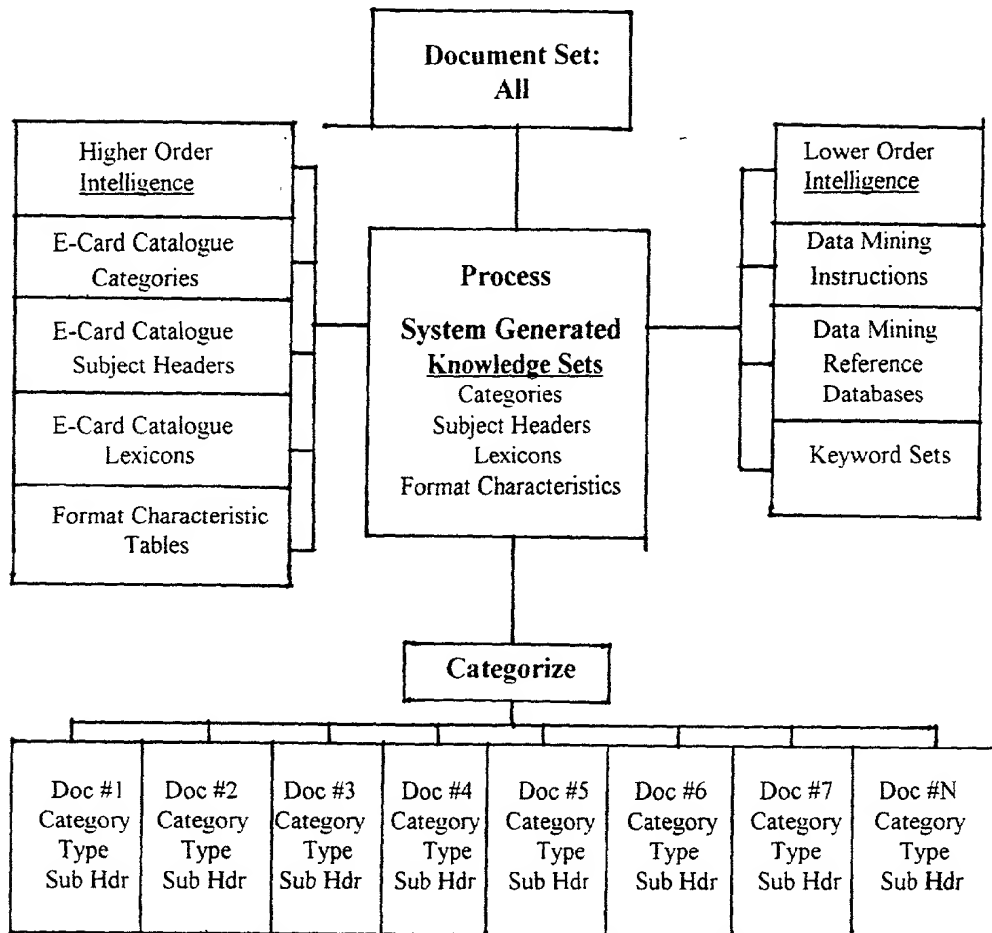
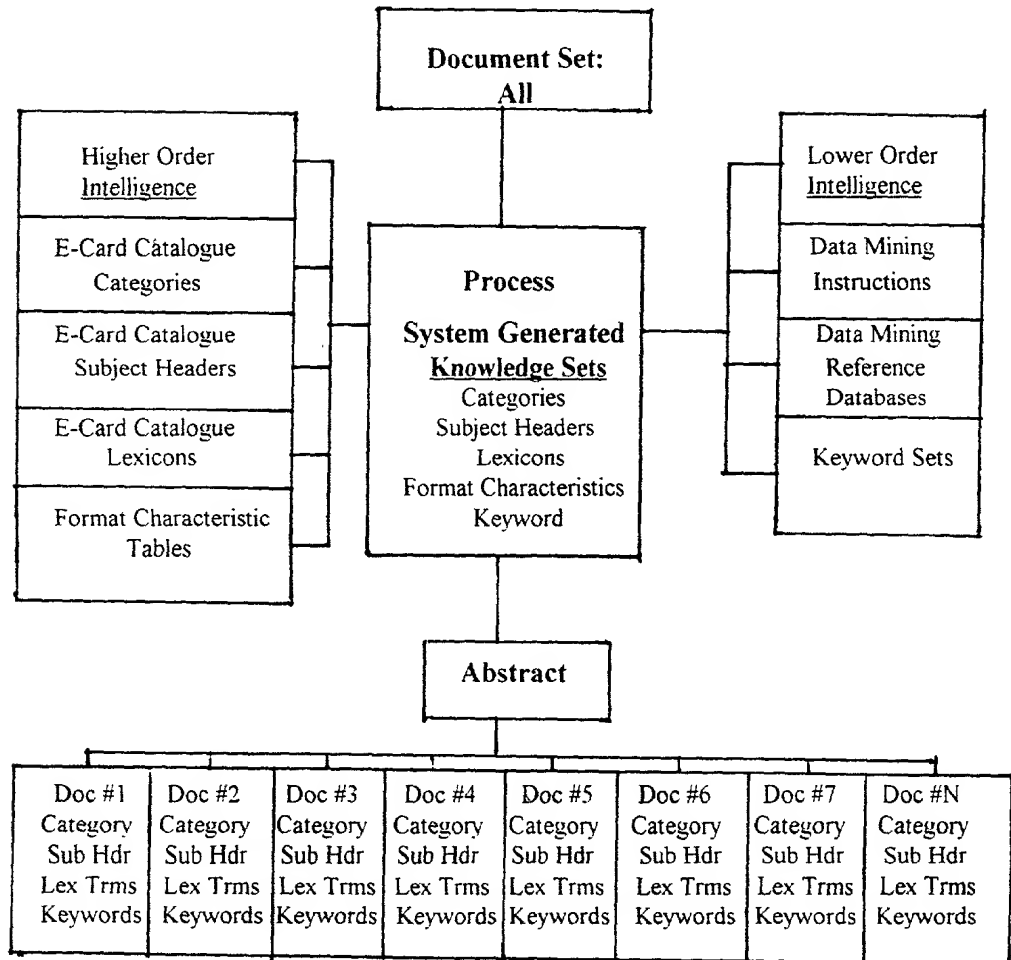


Figure 7

Diagram: Abstracting



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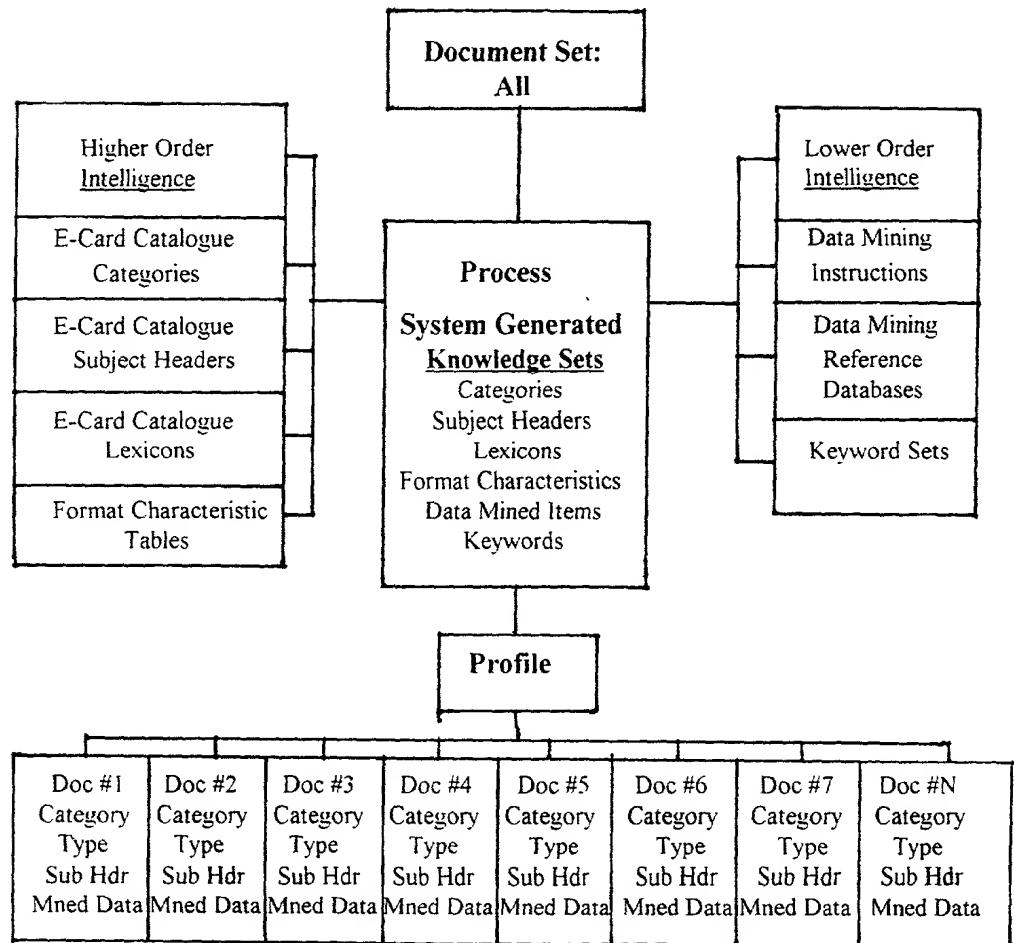
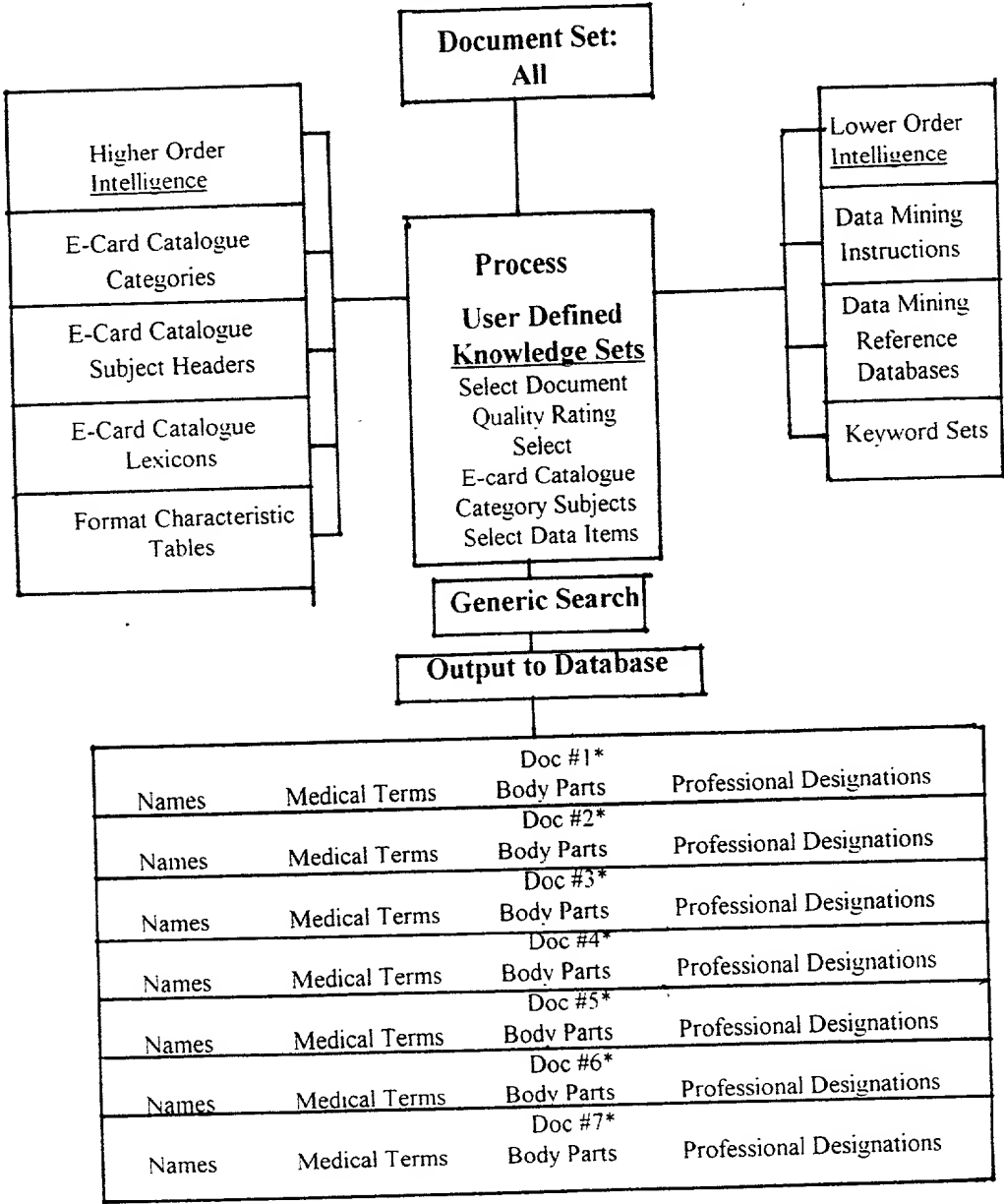


Figure 9

Diagram: Generic Searching



* as an example

Figure 10

Diagram: Data Mining

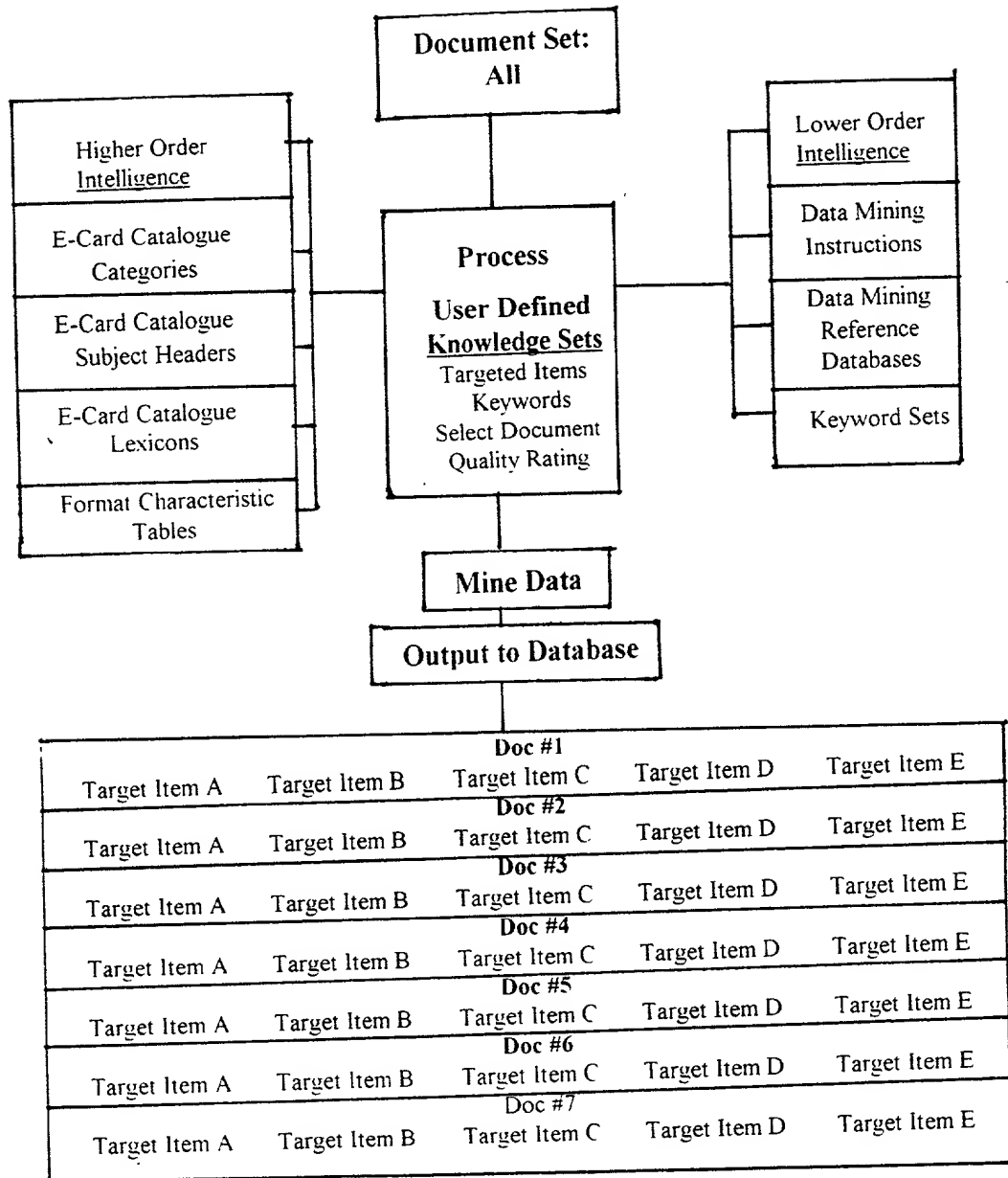
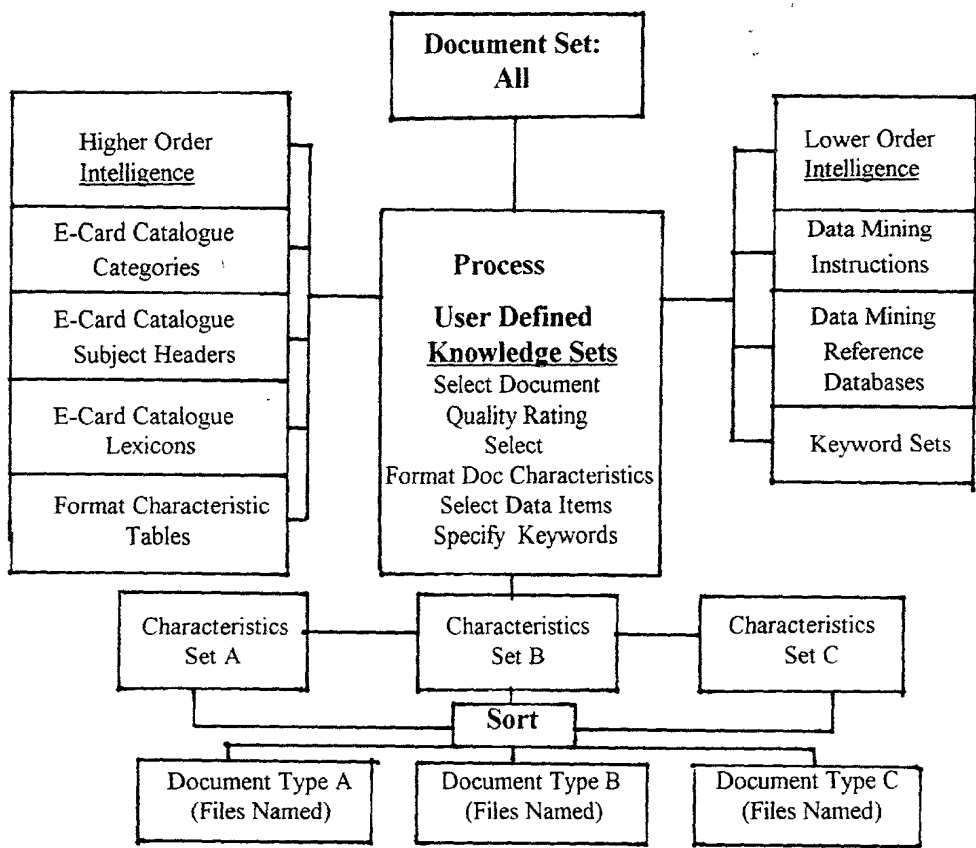


Figure 11

Diagram: Non Standard Forms Processing



Mine Data Appropriate to Document Type

Document Type A	Document Type B	Document Type C
(File Name)	(File Name)	(File Name)
Mined Data	Mined Data	Mined Data
(File Name)	(File Name)	(File Name)
Mined Data	Mined Data	Mined Data
(File Name)	(File Name)	(File Name)
Mined Data	Mined Data	Mined Data

Output to Database

Figure 12

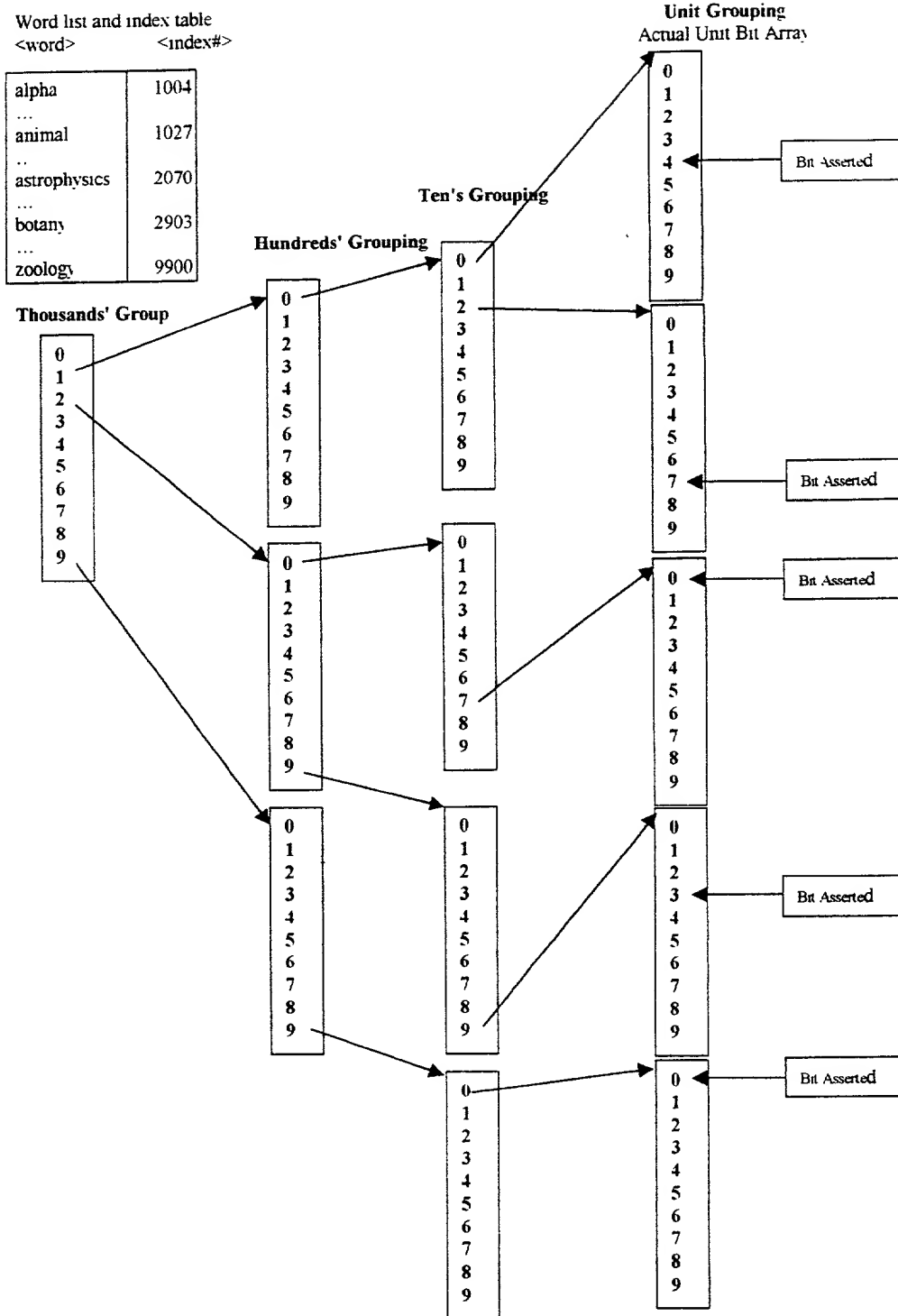


Figure 13

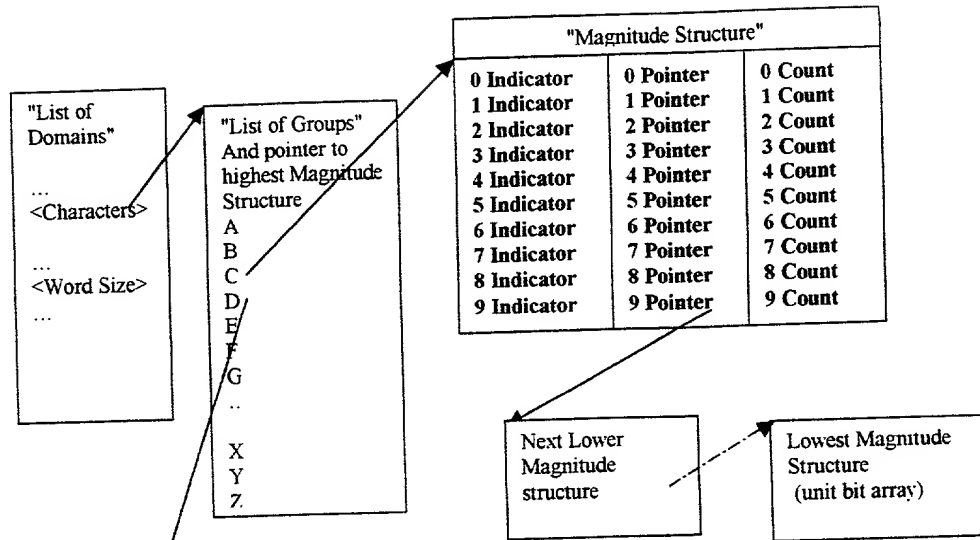
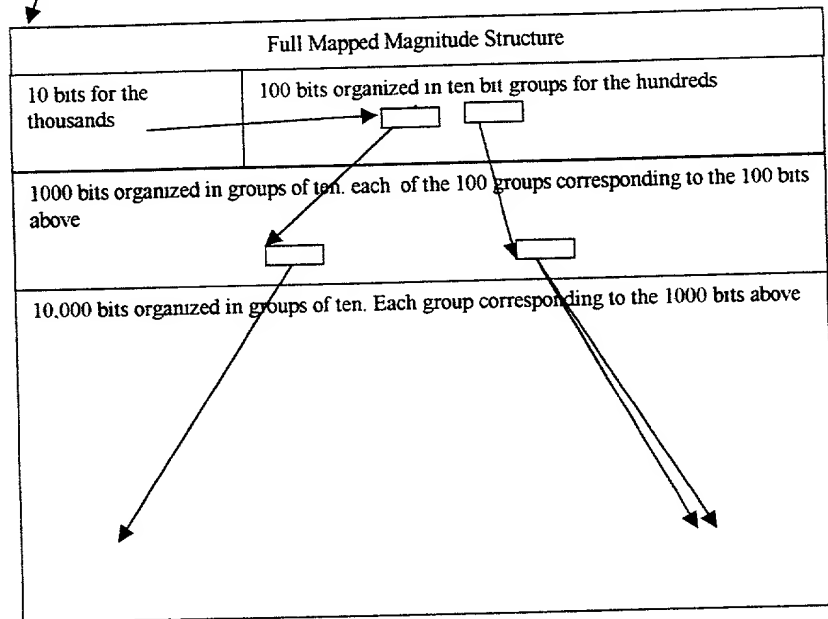


Figure 2a Actual Memory Mapping for the Full Array



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